

IN THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Original) A compound single crystal substrate, a basal plane of which is a nonpolar face and said basal plane has a partial surface having polarity (hereinafter referred to a partial polar surface),

characterized in that said partial polar surface is a polar portion with surface energy higher than said basal plane.

Claim 2 (Original) The compound single crystal substrate according to Claim 1, wherein said compound is a group IV-IV compound, group III-V compound, or group II-VI compound.

Claim 3 (Original) The compound single crystal substrate according to Claim 1, wherein said compound single crystal is cubic, said basal plane is (001) face, and said partial polar surface is (111) face.

Claim 4 (Original) The compound single crystal substrate according to Claim 1, wherein said compound single crystal is hexagonal, said basal plane is (1,1, 2, 0) or (1, 1,0,0) face, and said partial polar surface is (0001) face.

Claim 5 (Original) The compound single crystal substrate according to Claim 1, wherein said compound single is cubic silicon carbide, said basal plane is (001) face, and said partial polar surface is Si (111) face.

Claim 6 (Original) The compound single crystal substrate according to Claim 1, wherein said compound single crystal is cubic gallium nitride, said basal plane is (001) face, and said partial polar surface is Ga (111) face.

Claim 7 (Original) The compound single crystal substrate according to Claim 1, wherein said compound single crystal is hexagonal silicon carbide, said basal plane is (1,1, 2,0) or (1, -1,0,0) face and said partial polar surface is Si (0001) face.

Claim 8 (Original) The compound single crystal substrate according to Claim 1, wherein said compound single crystal is hexagonal gallium nitride, said basal plane is (1,1, 2,0) or (1, -1,0,0) face, and said partial polar surface is Ga (0001) face.

Claim 9 (Canceled)

Claim 10 (Original) A laminate having, on the basal plane of the compound single crystal substrate according to Claim 1, a compound single crystal layer that is homogenous or heterogeneous with said substrate,

characterized in that the single crystal constituting said compound single crystal layer has crystallinity and a spatial lattice that are homogeneous with those of said substrate and has a nonpolar basal plane, and an area occupied by a partial surface having surface polarity in said nonpolar basal plane is 0.1 percent or less of the total area of the basal plane.

Claim 11 (Canceled)